

**Abstract of the Disclosure**

A large width single-ply heat-weldable roof membrane. The roof membrane includes at least two sheets of a thermoplastic polyolefin and one fold strip of a thermoplastic elastomer. The sheets have side edges. The  
5 fold strip is bonded to the sheets to join the sheets and form the large width single-ply roof membrane. The thermoplastic elastomer consists of a highly cross-linked rubbery polymer and a thermoplastic polymer.